Form GTV

Bio

LinkedIn (link): https://www.linkedin.com/in/rajesharyain/

GitHub (link): https://github.com/rajesharyain

- Please describe yourself as a specialist (in general)

I would describe myself as a Technical expertis with over 12 years of experience in web and enterprise application development. I specialize in both front-end as well as backend development using JavaScript, React, Angular, Java, Spring Framework and have a deep understanding of software engineering principles and best practices. In my previous role as a team lead at Accenture, I was responsible for leading a team of developers in the development of enterprise application for telecom giant.

I am highly skilled in problem-solving and have a track record of delivering high-quality software solutions that meet specific business requirements.

In addition to my technical skills,

Overall, I am a dedicated and results-driven software engineer, committed to delivering exceptional software solutions that drive business success.

- What attracts you to the field of technology? Why did you choose it as your professional activity?

I was initially drawn to the field of software technology because of my love for problem-solving and technology. I have always enjoyed working with computers and discovering new ways to use technology to solve real-world problems. As I learned more about software engineering, I became fascinated by the opportunities it offered for innovation and creativity.

I chose software technology as my professional activity because I believe it is a field that has the potential to make a significant impact on the world. From developing new software applications to improving existing systems, software engineers have the ability to solve complex problems and create value for businesses and organizations. In addition, the field offers a high degree of job security and the potential for high salaries, which made it a practical choice as well.

Overall, I am passionate about software technology and excited to be part of an industry that is constantly evolving and growing

Education

- Have you participated in any school contests? Have you won any prizes?

I have participated in many science quizzes and science fairs organized by the school authorities at school level and won many appreciations.

- What university did you study at? What department?

Maharshi dayanand university, Rohtak (2006 - 2009) under KIIT college of Engineering, Gurugram Master in Computer Application(MCA)

Panjab University, Chandigarh (2002 - 2005) Bachelor in science (Maths.)

- Have you participated in any competitions/hackathons during your university studies? Did you win any prizes?

No

- How did your career in the technology industry begin?

I started my career in 2010 with A S Software Services Pvt.Ltd. Where i learned new technology php and html and applied the same for developing web applications. Then I moved to Nagpur where I worked with SmartData India. I worked on multiple projects with different techstacks in SmartData and then moved to IT city Pune where i worked with different companies such as Xento System, Accenture, Mphasis and currently working under Citicorp as a fullstack developer.

Work Experience

Citicorp

Description of the company:

Citicorp Services India Private Limited provides financial services. The Company offers commercial vehicle and construction equipment lending, trade advance, loan against securities, and consumer loan services. Citicorp Services India serves customers worldwide.

Metrics of the company:

Founded in: 1812

Headquarters: New York, New York, United States

Number of employees: 223,400 (2021) Total equity: US\$202 billion (2021) Total assets: US\$2.417 trillion (2022)

Type of	the company
\checkmark	Product-led
	Consulting
	Agency
	Outsourcing

Your role in the company:

- How did you join the company?

I was interested in exploring the world of product-based companies and began searching for vacancies in various organizations. Eventually, I was presented with an opportunity to work with CitiCorp and found the role to be a good match for my skills and interests, prompting me to accept the position and join the company.

- Why did you accept the invitation from the company?

After a successful interview with the product manager at Citi, I was impressed with their innovative product vision and ideas. As a result, I was offered the chance to join the international team and contribute to the development of a sophisticated product from its inception.

- What positions have you held?

FullStack developer as an Individual contributor from India.

- Were there any promotions? If yes, what influenced the decision to promote you? No, there is no promotion yet,

CityBuilder

- What was the project (model, system, tool, etc.) and what was the purpose of the project: City Builder is one of the innovative and data-driven tool for exploring place-based investments with the goal of improving economic vitality for everyone.

CityBuilder is created to give investors, fund managers, developers, municipalities, and community representatives the ability to search for and analyze the information they need to make important investment decisions.

• Role in the project:

- What is your role in the project?

I managed the front-end part and developed a new global search feature for CityBuilder. Was Responsible for developing the features and bugs along with the app deployment to the lower environment.

- Why were you the most suitable candidate for the project?

I possessed the necessary skills React, JavaScript required for developing the app and also had expertise in DevOps tool like Docker & Jenkins. The company was seeking someone who could oversee the entire product life cycle, from development to deployment, making me a highly qualified candidate for the position.

Initial Stage:

- How did the idea for the project come about?

The company required an app that could furnish critical information about specific locations, such as census tract data, opportunity zones, walkability scores, climate risks, and more. This would enable investors to gain a comprehensive understanding of the area before making any crucial investment decisions.

- How did the company's problems affect the emergence of the project?

Citi Venture Studio launched an initiative aimed at introducing new innovation to better serve their investors. Through the development of this app, Citi aimed to bridge the gap and provide investors with all the necessary information they require to make informed investment decisions.

- Why did you decide to implement this project?

After considering the challenging aspects of the project, including collecting data from various sources such as government census tract data, and implementing a complex user interface, I decided to take on this project. Moreover, this project presented an opportunity to collaborate with an international team..

- Why was this project important to the company?

Citi Venture Studio spearheaded an innovative project that involved collaborating with various governments, including the US, Milan, and Ukraine, to develop an app tailored to their specific needs. Given the scope and importance of the project, I believe it was a significant undertaking.

• Working on the project:

- What was the scale of the data you had to work with?

We obtained the primary dataset from various government sources, and with proper permission, extracted, transformed, and loaded it into our database to make it available on the website. Our challenge was to accurately display and filter the data based on the region selected by the user in the browser

- Did you supervise any team in the implementation of the project? If so, how many people did you have under your supervision?

No, I havn't supervise anyone in the team, instead did the peer review of the code for better code quality.

- Which technology stack did you use?

We used React as front end, Ruby as backend and Postgres as database.

Please tell us as much detail as possible (with all the technical aspects) about what you did when implementing the project:

Involved in creating the lightspeed jenkins pipeline to automate build and deployment.

- 1. We have the Jenkins as the Continuous Integration tool and created the script for creating pipelines for building the app that includes the stages like "Install Dependencies", "Sonarlint" (For static code analysis), "Build and Test" finally "Deploy"
- 2. for Deploy we have uDeoploy provided by IBM to deploy the application to Red Hat OpenShift

I reviewed PR and created docs for the new joiner.

I monitored the implementation of the roadmap and adherence to deadlines

I have remediated security vulnerabilities for the application independently.

I helped implement the memcached required for the app for caching purposes.

• Please divide the work you have done into stages:

Participated in each sprint planning for discussing development plan and creation of roadmap Feature development like Global Search & bug fixes in the application.

Code reviews and Code deployment

Discussing technical limitations and helping to remove blockers

Additional questions:

- Who did you work with on the project?

Most of all with my international development team, with Mitchel Steven (App developer), with Cici, Li(Product Manager).

Mitchel Steven: https://www.linkedin.com/in/steven-james-mitchell/

Cici: https://www.linkedin.com/in/cicizli/

- Did you have to prove/explain/suggest anything to the company management?

We very often discussed in sprint planning or in our daily standups about how we could implement a new feature more easily, which functions could be set aside, and how to structure the development process properly. I suggested a step-by-step implementation of complex features, talked about technologies such as implementing flagsmith, memcached etc that would speed up application performance.

- What technical difficulties did you encounter? How did you overcome them?

The application had an extensive range of features, including a global search and compare function, and region-specific filters. While working on handling the filters for the global search feature, I encountered a technical challenge: there were too many events being triggered while typing in the search box. This prevented users from typing more than one character before the auto-populated list appeared. However, I found a solution and restructured the events to ensure that search functionality remained flexible across all regions.

- Were any mistakes made? If so, which ones and how did you correct them?

"Initially, we made a mistake by not implementing a caching service for the data retrieved from our database, resulting in an app that was less scalable. To address this issue, we introduced elastic search and Memcache, which enabled us to index and cache the search simultaneously. This significantly improved the performance of the app.

- What new things did you learn while working on the project?

In addition to utilizing my existing skills, I also acquired proficiency in new technologies such as Docker containerization and OpenShift tool.

Novelty:

- What was innovative about the project?

The app is a new entrant in the market, offering a wealth of information on census tract and climate data for investors, along with unique features such as filters and global search comparison.

- How was the project different from other/similar projects?

This app is new in the market and I don't think that it has any competitors out yet.

- While working on the project, did you do anything that was different from what others usually do?

I tried creating one build for deployment across all environment from staging to production, which I believe that managing a single build for all environments, made our application less susceptible to errors.

- Did the project set any trend in the market?

This is yet new in the market and only available in US, Milan and Jordon markets as of now, we are planning to roll this out in other regions as well for example Ukraine etc

- Does the project have a patent?

No.

Results:

- How long did it take to launch the project? Did you speed up the launch?

We spent almost 3 years implementing CityBuilder from scratch.

- Who was influenced by the launch of the project? In what way?

Investors of the product were really happy. The team was closely working with the Govt of the US.

- What did the company gain from launching the project?

Citi is still looking to grow with this project.

- What metrics show the impact of the project and your work on the development of the company and industry? (increase in revenue/income, number of sales, number of users, etc.)

 Please insert the required information here
 - What would have happened if the project had not been implemented?

Project influence:

- What have you personally gained from this project?

Personally i would say i have gained new skills working on the project which I could implement in my future projects.

- How has the success of the project affected you/your future career?

I gained invaluable technical experience. I used and studied new technologies that are in demand in the market

Worthi

- What was the project (model, system, tool, etc.) and what was the purpose of the project:

Worthi empowers US workers to reach their career goals by identifying the skills they need for the ever-changing labor market. Whether a user wants to advance in their current role or make a change, Worthi provides personalized upskills opportunities in connection with accessible online courses.

• Role in the project:

- What is your role in the project?

In this project, I handled both the front-end and back-end development. I created an API to connect with a third-party data provider called Burning Glass to fetch the required data, and displayed a list of courses fetched from the API. Additionally, I assisted with migrating the Angular codebase to a React codebase, and was responsible for developing new features and resolving bugs. I also handled app deployment to lower environments.

- Why were you the most suitable candidate for the project?

I possessed the necessary skills for developing the app and also had expertise in DevOps. The company was seeking someone who could oversee the entire product life cycle, from development to deployment, making me a highly qualified candidate for the position.

Initial Stage:

- How did the idea for the project come about?

The company required a new educational technology app, and the citi ventures studio proposed an innovative idea. While there are existing apps in this domain, the unique aspect of their idea is to identify individual skills and assist in upgrading them through affordable or nearly cost-free online platforms, which sets them apart from others.

- How did the company's problems affect the emergence of the project?

New Idea, New innovation in the field of education technology during the lockdown period.

- Why did you decide to implement this project?

The project was entirely new to me, and it commenced just before the lockdown period. It was during this time that the term "edtech" emerged, and the industry was experiencing a surge in growth. Recognizing this opportunity, I decided to pursue the project.

- Why was this project important to the company?

The project holds great significance for the company as it was initiated during the lockdown period. The company aimed to make a valuable contribution to the education industry for those who were adversely affected by the pandemic. The project was designed to assist individuals who were either currently employed or had lost their jobs. The app's objective was to aid users in identifying their skills according to the current market demand and then provide affordable online courses to upgrade their skills.

Working on the project:

- What was the scale of the data you had to work with?

The main data set was numbers of courses from third party api. We had to process arrays of data and display and filter correctly in the individual dashboard.

- Did you supervise any team in the implementation of the project? If so, how many people did you have under your supervision?

No

- Which technology stack did you use?

We used React as front end, NodeJS as backend and Postgres as database.

• Please tell us as much detail as possible (with all the technical aspects) about what you did when implementing the project:

Helped in migrating features from Angular technology to React base by following below steps:

- Identified the dependencies and it's libraries required for React
- Did setup the React environment and dependencies required for migrating Angular components one by one.
- Started re-writing the HTML and TypeScript code into React from Angular code.
- *Utilized third-party library Axios for all rest api calls.*
- Migrated the Angular routing to React routing
- Migrated state management from Angular NgRx to Redux in React
- Finally tested the functionality to see if it works exactly as the angular App

Developed UI component for displaying and filter courses.

Handled UI layout in order to display in all the devices including mobile

Involved in creating the lightspeed jenkins pipeline to automate build and deployment.

I reviewed PR and created docs for the new joiner.

I monitored the implementation of the roadmap and adherence to deadlines

I have remediated security vulnerabilities for the application independently.

I helped implement the flagsmith feature required for the app for centralized features dashboard where one can enable/disable features based on the individual roles.

Helped moving app to docker containerization.

• Please divide the work you have done into stages:

Participated in each sprint planning for discussing development plan and creation of roadmap

Created UI component to capture individual public information

Created api to connect to third party api in order to fetch courses data.

Created UI component to display courses data.

Handled layout of the app in different devices.

Code reviews and Code deployment

Discussing technical limitations and helping to remove blockers

Additional questions:

- Who did you work with on the project?

Most of all with my international development team, with Emina ramovic (App developer), Matthew wu(App developer) and with Ryan Harper,(Product Manager).

- Did you have to prove/explain/suggest anything to the company management?

We very often discussed in sprint planning or in our daily standups about how we could implement a new feature more easily, which functions could be set aside, and how to structure the development process properly. I suggested a step-by-step implementation of complex features, talked about technologies such as implementing flagsmith, docker containerization etc that would speed up application performance.

- What technical difficulties did you encounter? How did you overcome them?

The application comprised numerous features, some of which were third-party, such as flagsmith. However, using it required getting it white-listed within the company, which involved a rigorous approval process as per company compliance policy. To resolve this issue, I created a comprehensive specification and requirement document and processed it to get the third-party tool onboarded in our artifactory. Once approved, we hosted it in a separate container to integrate it into our application.

- Were any mistakes made? If so, which ones and how did you correct them?

At the outset, we were utilizing certain modules and tools that were non-compliant with the company's guidelines for the development of the tool. These included outdated npm packages that were highly susceptible to security vulnerabilities. To rectify the issue, we upgraded the module versions, and some of them were subsequently approved and white-listed by the company.

- What new things did you learn while working on the project?

Other than my skills I learned new technology like Docker containerization, An OpenShift tool etc.

O Novelty:

- What was innovative about the project?

The app boasts an extensive range of features that its competitors lack. For instance, it can capture an individual's goals by asking pre-determined questions on the app. Additionally, it identifies users according to the current market trend in terms of skills and salaries, and then provides a list of courses tailored to their goals.

- How was the project different from other/similar projects?

The app went beyond merely listing courses; it also assisted users in finding jobs that were in high demand in the market. The app is integrated with ZipRecruiter's job search engine, enabling users to search for jobs in their preferred area directly within the app.

- While working on the project, did you do anything that was different from what others usually do?

No

- Did the project set any trend in the market?

Not yet, as it is yet to launch.

- Does the project have a patent?

No

• Results:

- How long did it take to launch the project? Did you speed up the launch?

We spent almost 3 years implementing Worthi from scratch

- Who was influenced by the launch of the project? In what way?

The citi venture studio team and the investors of the product were really happy.

- What did the company gain from launching the project?

The company would start generating its revenue once it gets live.

- What metrics show the impact of the project and your work on the development of the company and industry? (increase in revenue/income, number of sales, number of users, etc.)
 No metrics yet.
 - What would have happened if the project had not been implemented?

Please insert the required information here

Project influence:

- What have you personally gained from this project?

Personally i would say i have gained new skills working on the project which I could implement in my future projects.

- How has the success of the project affected you/your future career?

I gained invaluable technical experience. I used and studied new technologies that are in demand in the market

Accenture

Description of the company:

Accenture is an Irish-American professional services company based in Dublin, specializing in information technology (IT) services and consulting. A Fortune Global 500 company, it reported revenues of \$61.6 billion in 2022. Accenture's current clients include 91 of the Fortune Global 100 and more than three-quarters of the Fortune Global 500. As of 2022, Accenture is considered the largest consulting firm in the world by number of employees.

Metrics of the company:

Founded: 1989

Chair and CEO: Julie Sweet Headquarters: Dublin, Ireland Number of employees: 738K

 Revenue:
 US\$61.6 billion (2022)

 Net income:
 US\$6.99 billion (2022)

Total assets: Increase US\$47.26 billion (2022)
Total equity: Increase US\$22.75 billion (2022)

Type of the company

✓ Product-led

\checkmark	Consulting
	Agency
$ \mathbf{\nabla} $	Outsourcing

Your role in the company:

- How did you join the company?

I had interviewed for a Java role at Accenture and was subsequently offered a senior software engineer position based on my performance during the interview. I was thrilled to accept the job offer as Accenture provides a wide range of benefits, such as a healthy work-life balance, relocation assistance, competitive compensation, and the potential for onsite opportunities.

- Why did you accept the invitation from the company?

I accepted the invitation as it offered me to work on a project related to data analytics for a large telecom organization. I was also excited to join Accenture as it offers employees many opportunities for professional development and advancement, challenging and interesting work, collaborative and inclusive culture.

- What positions have you held?

I joined Accenture as Senior Software Engineer.

- Were there any promotions? If yes, what influenced the decision to promote you?

I was promoted to the Team Lead after handling the multiple projects for telecom giant Cox & Communication and led junior developers at the same time. We received two excellence awards for working with the client, which led all of us to reach the next level.

CVM UI

- What was the project (model, system, tool, etc.) and what was the purpose of the project: This app was developed for Cox & Communication a privately-owned subsidiary which provides services in Cable television, telecommunication and Home automations.

CVM is a client's video middleware that provides various services to enrich customer video user experience. CVM admin UI is a project to manage all these services by monitoring and triggering different batch jobs, automated reports generation, diagnostics of customer's account and devices, searching provisioning logs and many more configuration features.

• Role in the project:

- What is your role in the project?

I oversaw the application's architecture, designed and configured the initial setup of the application utilizing the techstacks Angular, Spring Boot, and JBoss server. Furthermore, I led a team of four members to successfully complete this project.

- Why were you the most suitable candidate for the project?

I proposed the idea of separating multiple UI applications from the existing codebase, which was outdated and written in BackboneJS. We decided to undertake a complete rewrite of the application in Angular, making it easier to manage small apps meant for different management staff within the organization.

Initial Stage:

- How did the idea for the project come about?

The application was developed using the outdated techstack of Backbone JS, and the codebase was massive and difficult to manage. Therefore, we started re-architecting the application and decided to do a complete rewrite using Angular for the front-end technology and Spring Boot for the back-end technology.

- How did the company's problems affect the emergence of the project?

Outdated code, lack of expertise, difficulty implementing new features in existing app.

- Why did you decide to implement this project?

To manage the customer account and their video usages, to keep the application stable, to enhance the existing features.

- Why was this project important to the company?

The client was important to the company since they had already entrusted their projects to us. This project involved upgrading and enhancing their existing services.

Working on the project:

- What was the scale of the data you had to work with?

Please insert the required information here

- Did you supervise any team in the implementation of the project? If so, how many people did you have under your supervision?

I managed the team of 4 members in this application.

- Which technology stack did you use?

Java8, Spring Boot, Spring MVC, Angular and JBoss server.

• Please tell us as much detail as possible (with all the technical aspects) about what you did when implementing the project:

I held meetings with designers, BA's and discussed the new features of the CVM UI. I drafted a specification for the new product, technology, development requirements

I have done the initial setup for the project.

Designed and developed new features

Responsible for transitioning the POC to the junior developers

I have written automated task in gradle to automate build stuffs and deployment

Managed the team

I have carried out regular checks on the status of development

I decided to use new framework Angular2

I reviewed PR and tutored new developers

I monitored the implementation of the roadmap and adherence to deadlines I did technical interviews with developers

• Please divide the work you have done into stages:

Discussion of development plan, creation of roadmap
Writing technical specifications
Technical interviews with developers
Code reviews
Discussing technical limitations and helping to remove blockers
App testing
Launch of new version of the product

Additional questions:

- Who did you work with on the project?

Mostly with the team of 4 developers.

- Did you have to prove/explain/suggest anything to the company management?

No

- What technical difficulties did you encounter? How did you overcome them?

As Angular2 was a new technology for everyone on the team, we encountered some challenges when developing new features for the application. To overcome this, I arranged for a full-stack training within our premises, which helped us improve our skills and knowledge of this technology. The team thoroughly enjoyed learning and applied their engineering skills to complete tasks more efficiently. I was impressed with the team's enthusiasm for learning this new technology.

- Were any mistakes made? If so, which ones and how did you correct them?

I don't think so.

- What new things did you learn while working on the project?

This was the first project where we all became full stack engineer, we learned front-end technology Angular while developing this app.

O Novelty:

- What was innovative about the project?

The application comprised numerous sub-applications designed to automate various tasks and ease the workload of the company's staff. These sub-applications included a Telephony Management UI for the telephone department and a VOD DAI (Video on Demand and Dynamic Ad Insertion) for the staff responsible for handling video ads. Despite being built separately, the project as a whole was enormous.

- How was the project different from other/similar projects?

This was created for the internal usages of client's staff to mange their customer account and dynamic ad insertion etc.

- While working on the project, did you do anything that was different from what others usually do?

I created a Gradle task to automate the building of both front-end and back-end builds simultaneously, allowing us to deploy the package together in the JBoss server.

- Did the project set any trend in the market?

It was for the internal staff

- Does the project have a patent?

Don't know, as it was completely built for the client's usage.

• Results:

- How long did it take to launch the project? Did you speed up the launch?

We spent 3 years to build this app

- Who was influenced by the launch of the project? In what way?

Accenture's Client

- What did the company gain from launching the project?

I think the revenue was generated based on this app as it was built for client usage.

- What metrics show the impact of the project and your work on the development of the company and industry? (increase in revenue/income, number of sales, number of users, etc.)

Please insert the required information here

- What would have happened if the project had not been implemented?

Please insert the required information here

Project influence:

- What have you personally gained from this project?

The project would not have been able to grow technically, the technology would have become obsolete, the company would not have raised new investment

- How has the success of the project affected you/your future career?

I gained invaluable technical and managerial experience. I used and studied new technologies that are in demand in the market

VOD DAI

- What was the project (model, system, tool, etc.) and what was the purpose of the project: This app is the sub-app of CVM UI, this was created for the admin staff to control the view of audience and the access to control dynamic Ad services insertion on televisions.

• Role in the project:

- What is your role in the project?

Managed the architecture of the application, Designed and Configured the initial setup of the application using techstacks Angular, Spring boot, and jboss server. And led a team of 4 members to complete this project.

- Why were you the most suitable candidate for the project?

I was leading the CVM UI and with the success of our first app i got opportunity to work on new feature called VOD DAI, that's how i grabbed this opportunity

Initial Stage:

- How did the idea for the project come about?

Please insert the required information here

- How did the company's problems affect the emergence of the project?

Please insert the required information here

- Why did you decide to implement this project?

To manage the customer account and their video usages, to keep the application stable, to control the ad insertion service.

- Why was this project important to the company?

Please insert the required information here

Working on the project:

- What was the scale of the data you had to work with?

Please insert the required information here

- Did you supervise any team in the implementation of the project? If so, how many people did you have under your supervision?

I managed the team of 4 members in this application.

- Which technology stack did you use?

Java8, Spring Boot, Spring MVC, Angular and JBoss server.

Please tell us as much detail as possible (with all the technical aspects) about what you did when implementing the project:

I held meetings with designers, BA's and discussed the new features of the VOD DAI. I drafted a specification for the new product, technology, development requirements

I have done the initial setup for the project.

Designed and developed new features

Responsible for transitioning the POC to the junior developers

I have written automated task in gradle to automate build stuffs and deployment

Managed the team

I have carried out regular checks on the status of development

I decided to use new framework Angular2

I reviewed PR and tutored new developers
I monitored the implementation of the roadmap and adherence to deadlines
I did technical interviews with developers

• Please divide the work you have done into stages:

Discussion of development plan, creation of roadmap
Writing technical specifications
Technical interviews with developers
Code reviews
Discussing technical limitations and helping to remove blockers
App testing
Launch of new version of the product

Additional questions:

- Who did you work with on the project?

Mostly with the team of 4 developers.

- Did you have to prove/explain/suggest anything to the company management?

No

- What technical difficulties did you encounter? How did you overcome them?

Please insert the required information here

- Were any mistakes made? If so, which ones and how did you correct them? Please insert the required information here
 - What new things did you learn while working on the project?

Please insert the required information here

O Novelty:

- What was innovative about the project?

Please insert the required information here

- How was the project different from other/similar projects?

Please insert the required information here

- While working on the project, did you do anything that was different from what others usually do?

Please insert the required information here

- Did the project set any trend in the market?

It was for the internal users

- Does the project have a patent?

Please insert the required information here

Results:

- How long did it take to launch the project? Did you speed up the launch? We spent 1 year on building VOD DAI app
- Who was influenced by the launch of the project? In what way? Accenture and its client.
 - What did the company gain from launching the project?

Please insert the required information here

- What metrics show the impact of the project and your work on the development of the company and industry? (increase in revenue/income, number of sales, number of users, etc.)

Please insert the required information here

- What would have happened if the project had not been implemented?

Please insert the required information here

• Project influence:

- What have you personally gained from this project?

The project would not have been able to grow technically, the technology would have become obsolete, the company would not have raised new investment

- How has the success of the project affected you/your future career?

I gained invaluable technical and managerial experience. I used and studied new technologies that are in demand in the market

SmartData

Description of the company:

SmartData is a global software business provider for startups and enterprises, both small and medium. They provide domain and technology consulting for industries such as healthcare, B2B, B2C, and B2B2C platforms. Additionally, their client includes online delivery, video platform, and IT service providers.

Their team of professionals bring outstanding service and diverse expertise to the forefront. Thus, resulting in the company's expansion as an enterprise offering services globally including five global locations with an around-the-clock workforce and connectivity.

Metrics of the company:

Founded: 1996 CEO: Ajay Tiwari Revenue: \$176.2M

Number of employees range: 501 to 1,000

Type of the company ✓ Product-led ✓ Consulting ☐ Agency ✓ Outsourcing

Your role in the company:

- How did you join the company?

I was interviewed in the company for the role of a php developer, i accepted the offer as it was the early career of my life.

- Why did you accept the invitation from the company?

As soon as I was offered the Software Developer position at SmartData Enterprises, I learned that the company was involved in a diverse range of innovative projects across various industries. Accepting the offer meant that I would have the chance to work with cutting-edge technologies and contribute to the development of new and exciting products, which was extremely appealing to me.

- What positions have you held?

Software Developer

- Were there any promotions? If yes, what influenced the decision to promote you?

Vimbly

No

- What was the project (model, system, tool, etc.) and what was the purpose of the project: Vimbly.com lets users find & book recreational activities in New York City. These include after-work hobbies and date ideas like dance, cooking, glassblowing, pizza making, wine tasting, intro to cigars, learning to DJ, improv, scotch pairing, samurai sword fighting, persuasion class, and a couple hundred more.

Instead of requiring hours toresearch and reserve, Vimbly presents live inventory from numerous vendors on the same screen and users can book instantly.

Vimbly only shows its users activities that have availability, and site visitors can filter activities by time or day.

• Role in the project:

- What is your role in the project?

Developed Complex UI pages including Search activities, Filter activities, display of activities, availability calendar and booking functionality.

- Why were you the most suitable candidate for the project?

The app tech stack uses the php as backend, i was holding the right skill for it's development which made me suitable for this project.

Initial Stage:

- How did the idea for the project come about?

Two young individuals in New York had an idea to create an application that captures various activities which could help individuals in learning and earning. They collaborated with SmartData Enterprises to build an online platform that lists all activities happening in New York, allowing individuals to book these services online.

- How did the company's problems affect the emergence of the project?

The SmartData worked for the client to build their app.

- Why did you decide to implement this project?

At the early stage of my career, I seized this opportunity despite its challenges, which involved interacting with clients to gather requirements, drafting technical specifications, and implementing them. I took on this project to gain hands-on experience in end-to-end application development.

- Why was this project important to the company?

Please insert the required information here

Working on the project:

- What was the scale of the data you had to work with?

Please insert the required information here

- Did you supervise any team in the implementation of the project? If so, how many people did you have under your supervision?

No.

- Which technology stack did you use?

PHP, jQuery, MySql, HTML, CSS

 Please tell us as much detail as possible (with all the technical aspects) about what you did when implementing the project:

I held meetings with clients to get business requirements.

I drafted a specification for this new product, technology and development requirements I developed the ui components in the vimbly site as below:

- Search activities component: Search functionality on the Navigation menu for searching out all the activities a user want to search, this is a generic text based search which searches the activities that contain the input text. I wrote the logic in php to achieve this functionality.
- *filter activities component*: Designed and developed the filter components in vanilla html, jQuery and php tech stack. I developed the activity filters like filter by Date, Filter by Time, filter by Location, in the backend side i wrote code for all of these filters and listing out the activities on the list page.

- *List of activities component:* used the html to display a list of cards on the page with the link on it to the activity detail/booking page.
- Availability/Booking Calendar component: On the Activity detail page I wrote code in html and php for displaying availability of the selected activity across the week, where user can select the date & time and proceed for the booking.

I monitored the implementation of the roadmap and adherence to deadlines.

I did app sanity and integration test

I did deployment of the application.

• Please divide the work you have done into stages:

Discussion of development plan, creation of roadmap
Writing technical specifications
Integration test
Discussing technical limitations and helping to remove blockers
Launch of new version of the product

Additional questions:

- Who did you work with on the project?

Mostly with my supervisor Brijesh Pant, Vinay Kewalarmani and with one team member.

- Did you have to prove/explain/suggest anything to the company management?

We very often discussed in our daily standups about how we could implement a new feature more easily, which functions could be set aside, and how to structure the development process properly. I suggested a step-by-step implementation of complex features like designing the availability calendar and booking the activity based on availability.

- What technical difficulties did you encounter? How did you overcome them?

The application was rich in features, being fresher I wasn't having much knowledge in technology, I got trained and implemented the same to complete my tasks.

- Were any mistakes made? If so, which ones and how did you correct them?

No, As i was completely supervised by my supervisor.

- What new things did you learn while working on the project?

I learned to interact with the client, learned to write technical specification, learned to deploy application via GoDaddy etc.

O Novelty:

- What was innovative about the project?

Please insert the required information here

- How was the project different from other/similar projects?

The application is equipped with set of features that no one has yet, it enables the individual to showcase their presence by teaching in what they are expertised, it allows the user to book activities listed in their chosen area etc.

- While working on the project, did you do anything that was different from what others usually do?

No

- Did the project set any trend in the market?

The project has set a new bar in terms of the number of features.

- Does the project have a patent?

No

• Results:

- How long did it take to launch the project? Did you speed up the launch?

I spent around 8 months in the project Vimbly

- Who was influenced by the launch of the project? In what way?

Vimbly owners

- What did the company gain from launching the project?

Please insert the required information here

- What metrics show the impact of the project and your work on the development of the company and industry? (increase in revenue/income, number of sales, number of users, etc.)
- As per Crunchbase, Vimbly is ranked 732,335 among websites globally based on its 45,583 monthly web visitors.
- Vimbly has raised a total of \$540K in funding over 1 round. This was a Seed round raised on May 2, 2013.
- What would have happened if the project had not been implemented?

Please insert the required information here

• Project influence:

- What have you personally gained from this project?

I learned how to interact with Client. Personally, it improved my communication.

- How has the success of the project affected you/your future career?

I gained invaluable technical and client interaction experience. I used and studied new technologies that are in demand in the market.

Simply Burger

- What was the project (model, system, tool, etc.) and what was the purpose of the project: Simply Burger is an online burger ordering tool which give your customers the opportunity to visit your store and place their orders through the internet. Like Pizza hut and Dominos that already receive their orders online.

• Role in the project:

- What is your role in the project?

I managed the end to end application development, created a burger listing page, add topping section on the checkout page and a checkout page. Responsible for developing the features and bugs fixing along with the app deployment to the lower environment.

- Why were you the most suitable candidate for the project?

Before this I had completed the Vimbly project, which made my seniors more confident in me, So they chose me to develop this application.

Initial Stage:

- How did the idea for the project come about?

It was a Client's Idea. Who was already running the Burger business, he wanted to put his business online just like Online Pizza delivery, Thus his journey started in developing his Simply Burger website.

- How did the company's problems affect the emergence of the project?

The Simply Burger wanted to increase their sales so they opted for developing an online delivery tool called Simply Burger.

- Why did you decide to implement this project?

I see many opportunities in developing this app like handling an ecom website, creating a checkout page etc.

- Why was this project important to the company?

The Company wanted to put their business online.

Working on the project:

- What was the scale of the data you had to work with?

I worked on features like Displaying the listing of burgers, modification of already selected burgers, add topping sections on the checkout page and a checkout page itself. We had another app called **Easy2Order** which was used to setup its admin portion where a business owner could insert their data to be displayed on their website.

- Did you supervise any team in the implementation of the project? If so, how many people did you have under your supervision?

No.

- Which technology stack did you use?

PHP, JQuery, HTML, CSS, MySql

Please tell us as much detail as possible (with all the technical aspects) about what you did when implementing the project:

I developed the features like Displaying the listing of burgers, modification of already selected burgers, add topping sections on the checkout page and a checkout page itself.

I monitored the implementation of the roadmap and adherence to deadlines.

I did app sanity and integration test

I did some bug fixes

• Please divide the work you have done into stages:

Discussion of development plan, creation of roadmap
Discussing technical limitations and helping to remove blockers
Integration test, Unit test
Launch of new version of the product
Insertion of Data into database via Easy2Order tool

Additional questions:

- Who did you work with on the project?

Mostly with Supervisor and team member.

- Did you have to prove/explain/suggest anything to the company management?

No

- What technical difficulties did you encounter? How did you overcome them?

NA

- Were any mistakes made? If so, which ones and how did you correct them?

No

- What new things did you learn while working on the project?

I gained knowledge in the ecom and food industry domain.

O Novelty:

- What was innovative about the project?

NA

- How was the project different from other/similar projects?
 NA
- While working on the project, did you do anything that was different from what others usually do?

No.

- Did the project set any trend in the market?

Please insert the required information here

- Does the project have a patent?

No.

• Results:

- How long did it take to launch the project? Did you speed up the launch?

I spent around 4 months in this project

- Who was influenced by the launch of the project? In what way?

The Business owner

- What did the company gain from launching the project?

They gained their online sales

- What metrics show the impact of the project and your work on the development of the company and industry? (increase in revenue/income, number of sales, number of users, etc.)

Headquarters: Greece

Website: www.simplyburgers.gr

Revenue: \$13.2M

Industry: Food, Beverages & Tobacco

- What would have happened if the project had not been implemented?

Please insert the required information here

Project influence:

- What have you personally gained from this project?

Personally I gained experience in the e-com domain and confidence in developing applications in the food industry domain.

- How has the success of the project affected you/your future career?

I gained invaluable technical and client interaction experience. I used and studied new technologies that are in demand in the market.

Goals/plans

• Please tell us about your career plans:

- Why do you want to move to the UK? What personally attracts you to the UK?

The UK is known for being a multicultural country, which means that there are many opportunities to work with people from different backgrounds and with different perspectives. The Country has a

thriving job market and is home to many multinational corporations, as well as startups and small businesses.

It attracts me with its possibilities. I would love to start my own startup there. I'm sure all the conditions are in place for that. I have very good colleagues & partner's family members from the UK who advise me about this place to live and work. Also, I like the culture and the quality of life, UK is consistently ranked as one of the best places to live in the world, with high standards of healthcare, education, and social welfare.

- What are your professional plans if you get a Global Talent visa? What do you plan to do in the UK?

I would apply to work for a leading tech company. I would be interested in building relationships with people from business and science by attending/participating in conferences and events. Would try to enhance my mentoring skills by sharing or presenting my knowledge either in a company or in any educational institution.

- What do you think you can give to the UK technology industry?

I think I'm predisposed to solve complex, unconventional problems. I'm looking forward to contribute my konwledge in the UK companies for the innovative and creative products. Apart from that i am also looking for the opportunity to start my own venture in the field of digital technology. My passion is optimizing and automating creative tasks. My project is related to that and I will continue to push those ideas forward.

External Profile

Publicity

Publications that mention your name:

Title of the article	Article link	Article description	Number of views

Publications mentioning projects in which you have been involved:

Title of the article	Article link	Article description	Number of views
Citi Ventures Studio Achieves Marketplace Success and Recognition with HeadSpin	https://www.youtube.com/wat ch?v=QDOaicIsrbs	Published at Headspin, youtube channel	961 views in 7 months
Citi launches City Builder® in Jordan	https://www.zawya.com/en/pre ss-release/companies-news/citi -launches-city-builder-in-jorda n-xssy6itz	Citi Collaborates with the Kingdom of Jordan's Ministry of Investment to Help Raise Awareness of Investment Opportunities in the Country by launching City Builder in Jordan	
CITY BUILDER® BY CITI LAUNCHES GLOBAL HUB AND BRINGS PLATFORM TO KINGDOM OF JORDAN	https://www.citi.com/ventures/ perspectives/pressrelease/city- builder-jordan-international-hu b.html	A bit about City Builder at Citi	
CITY BUILDER® BY CITI	https://www.citi.com/ventures/ venture-innovation/studio/city- builder.html	City Builder mentions in the press release as per this article	
Worthi by Citi, Mentioned in FastCompany	https://www.fastcompany.com/ 90667104/finance-innovation- by-design-2021	Worthi in the news as the best-designed finance projects of 2021	
Worthi by Citi, a Citi Venture innovative app	https://www.citi.com/ventures/ venture-innovation/studio/wort hi.html	A bit about Worthi by Citi	
Worthi by Citi, Mentioned in Futuro health	https://www.prnewswire.com/ news-releases/futuro-health-to -leverage-worthi-by-citi-to-bol ster-career-opportunities-for-fu ture-allied-health-workers-301 250462.html	Futuro Health to Leverage Worthi® by Citi to Bolster Career Opportunities for Future Allied Health Workers	
Vimbly	https://pitchbook.com/profiles/ company/55363-78#overview	Vimbly metrics published in pitchbook	

Your publications on technological topics:

Profile links (Habr, dev.to, vc.ru, etc.)

Title of the article	Article link	Article description	Number of views
Angular 2 setup with Eclipse	https://www.youtube.com/wat ch?v=FXDr1-04f7I	Tutorial published for setting up Angular in eclipse.	28k
An optimized way of Reversing words in a given string	https://rkarya.medium.com/an -optimized-way-of-reversing- words-in-a-given-string-606a2 bf913e7	Article was written for String manipulation in an optimized way.	

Events

Industry events (conferences/summits/hackathons, etc.) in which you have participated as a **speaker/expert/judge:**

Name of the event	Link	Event description	Your activity	Number of participants
Online session on Object Oriented Programming	https://www.linkedin.co m/feed/update/urn:li:ac tivity:70324049199533 46560/	Bootcoding is conducting an online session on Object Oriented Programming with real life example and designed for students and beginners for their interview preparation. Let's have an in-depth understanding of OOPs instead of having just theoretical knowledge. This session will be provided by IT professional who will take a tour of Object, Class and Reference with Constructor in Java and brief about memory	Made a presentation, Talked on topic OOPs concept at Bootcoding	22

		allocation in Java.		
Introduction to Angular - The modern web developer's platform	https://www.linkedin.co m/video/event/urn:li:ug cPost:7029791603502 305280/	Introduction to Angular and Essential features of Angular with modern web application awareness.	Made a presentation and provided session on Google Meet.	61

The events you organised:

Name of the event	Link	Event description	Your activity	Number of participants

Contests/hackathons you have participated in:

Name of the event	Link	Event description	Your activity	the prize you won
Leetcode	https://leetcode.com/u ser6937Xv/		Solved Programming	
Code Gladiators 2022 Semifinalist	https://www.techgig.c om/rajeshkumar328	Code Gladiators 2022 Contest	Participated	Won the Certificate of excellence was one of the semifinalist https://drive.goo gle.com/file/d/1 Q1JXFY9iQ0k8 HSFKf6McIFcO gvAayNf1/view ?usp=share_lin k
Coding Challenge (SDE Roles)	https://www.techgig.c om/rajeshkumar328	Coding Challenge (SDE Roles) Contest sponsored by Amazon	Participated	Won the certificate of excellence https://drive.google.com/file/d/1H5P5AQzO4vhej28aoHMN3ZnOzl10XXZ/view?usp=share_li

				<u>nk</u>
Java Full Stack Developer Coding Challenge	https://www.techgig.c om/rajeshkumar328	Java Full Stack Developer Coding Challenge sponsored by Axis Bank	Participated	Won the certificate of excellence https://drive.google.com/file/d/1 JVYbJTWnIM0-t9eoS6rxMlcfDQ6NTfLb/view?usp=share_link
Ness Code Fest 2022	https://www.techgig.c om/rajeshkumar328	Ness Code Fest 2022 sponsored by Ness	Participated	Won the certificate of excellence https://drive.google.com/file/d/162KeYuTMShA3NKQKa_0vB7rcN9p6DEnL/view?usp=share_link

Educational projects in which you have participated as a lecturer/mentor/expert:

Project/event name	Link	Event description	Your activity	Number of participants

Open source projects

https://github.com/rajesharyain

Project Name	Link	Project description	Your activity	Metrics (number of stars, repositories, etc.)

Recognition

Your awards:

- ACE (Accenture Celebrates Excellence) Award Won at Accenture, in 2016, for delivering high quality deliverables.
- Apex Award Fiscal 2017 Trendsetter

 Have been awarded Trendsetter award in the individual category at Accenture, for introducing innovative processes and enhancing the existing process.

Your patents: